

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029819.D
 Acq On : 27 Jun 2022 16:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062722

Quant Time: Jun 28 10:14:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:32:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	290005	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	562968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217075	48.315	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.620%		
35) Dibromofluoromethane	5.385	113	180518	49.915	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.840%		
50) Toluene-d8	8.653	98	721626	50.953	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.900%		
62) 4-Bromofluorobenzene	11.085	95	267281	51.606	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	198019	54.603	ug/l	99
3) Chloromethane	1.288	50	200462	49.649	ug/l	99
4) Vinyl Chloride	1.373	62	218221	51.278	ug/l	98
5) Bromomethane	1.611	94	66065	77.055	ug/l	98
6) Chloroethane	1.684	64	55288	23.687	ug/l	98
7) Trichlorofluoromethane	1.886	101	252389	52.110	ug/l	99
8) Diethyl Ether	2.129	74	112000	48.729	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	178022	51.802	ug/l	92
10) Methyl Iodide	2.453	142	222551	56.447	ug/l	96
11) Tert butyl alcohol	2.995	59	279589	253.366	ug/l	97
12) 1,1-Dichloroethene	2.318	96	176829	50.017	ug/l	97
13) Acrolein	2.239	56	148517	188.918	ug/l	98
14) Allyl chloride	2.660	41	331427	51.351	ug/l	95
15) Acrylonitrile	3.068	53	649219	245.497	ug/l	99
16) Acetone	2.392	43	499410	233.156	ug/l	96
17) Carbon Disulfide	2.507	76	479784	52.736	ug/l	100
18) Methyl Acetate	2.703	43	307486	47.876	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	614824	50.278	ug/l	97
20) Methylene Chloride	2.788	84	208861	47.133	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	197878	52.284	ug/l	98
22) Diisopropyl ether	3.763	45	666673	50.513	ug/l	93
23) Vinyl Acetate	3.721	43	2899258	258.274	ug/l	# 93
24) 1,1-Dichloroethane	3.611	63	357859	49.868	ug/l	98
25) 2-Butanone	4.562	43	886993	243.856	ug/l	95
26) 2,2-Dichloropropane	4.471	77	265405	52.796	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	234359	50.690	ug/l	97
28) Bromochloromethane	4.903	49	139813	49.209	ug/l	87
29) Tetrahydrofuran	5.007	42	590591	243.543	ug/l	89
30) Chloroform	5.098	83	353319	50.621	ug/l	91
31) Cyclohexane	5.470	56	340055	50.810	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	275278	50.845	ug/l	98
36) 1,1-Dichloropropene	5.690	75	267842	50.562	ug/l	99
37) Ethyl Acetate	4.714	43	337531	51.711	ug/l	99
38) Carbon Tetrachloride	5.678	117	219276	51.028	ug/l	97
39) Methylcyclohexane	7.385	83	356977	55.472	ug/l	95
40) Benzene	6.037	78	835476	50.243	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	183732	49.115	ug/l	93
42) 1,2-Dichloroethane	6.086	62	265371	49.441	ug/l	100
43) Isopropyl Acetate	6.342	43	514261	51.496	ug/l	97
44) Trichloroethene	7.129	130	200120	49.055	ug/l	91
45) 1,2-Dichloropropane	7.433	63	217739	49.567	ug/l	97
46) Dibromomethane	7.580	93	138363	49.255	ug/l	87
47) Bromodichloromethane	7.824	83	256231	51.054	ug/l	99
48) Methyl methacrylate	7.689	41	248226	49.969	ug/l	89
49) 1,4-Dioxane	7.689	88	113989	956.665	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1693412	257.239	ug/l	93
52) Toluene	8.720	92	519830	52.669	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	302586	55.684	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	334870	52.712	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	206006	49.553	ug/l	91
56) Ethyl methacrylate	9.116	69	358854	53.065	ug/l	91
57) 1,3-Dichloropropane	9.311	76	355993	50.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	716693	221.559	ug/l	94
59) 2-Hexanone	9.433	43	1310425	256.366	ug/l	92
60) Dibromochloromethane	9.524	129	190012	53.775	ug/l	96
61) 1,2-Dibromoethane	9.610	107	211213	51.071	ug/l	99
64) Tetrachloroethene	9.275	164	148701	52.663	ug/l	94
65) Chlorobenzene	10.079	112	522681	50.835	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	170591	51.435	ug/l	95
67) Ethyl Benzene	10.195	91	964765	51.738	ug/l	100
68) m/p-Xylenes	10.305	106	738857	105.346	ug/l	99
69) o-Xylene	10.646	106	357787	51.605	ug/l	98
70) Styrene	10.658	104	598766	52.502	ug/l	98
71) Bromoform	10.799	173	121778	54.929	ug/l	98
73) Isopropylbenzene	10.963	105	912242	49.285	ug/l	99
74) N-amyl acetate	10.847	43	444575	50.053	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	347177	47.998	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	309591m	48.965	ug/l	
77) Bromobenzene	11.201	156	201021	49.456	ug/l	82
78) n-propylbenzene	11.305	91	1152785	51.465	ug/l	99
79) 2-Chlorotoluene	11.366	91	669096	49.589	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	771410	49.907	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	109831	52.833	ug/l	97
82) 4-Chlorotoluene	11.457	91	773597	50.330	ug/l	97
83) tert-Butylbenzene	11.719	119	759738	50.668	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	784548	50.327	ug/l	99
85) sec-Butylbenzene	11.890	105	1006239	51.599	ug/l	97
86) p-Isopropyltoluene	12.012	119	810069	52.514	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	390281	49.985	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	391626	49.522	ug/l	95
89) n-Butylbenzene	12.335	91	790251	54.689	ug/l	97
90) Hexachloroethane	12.542	117	129248	55.420	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	377716	48.655	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	80191	48.673	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	228758	50.886	ug/l	97
94) Hexachlorobutadiene	13.725	225	84164	52.142	ug/l	96
95) Naphthalene	13.780	128	982733	51.627	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	230657	50.781	ug/l	94

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

